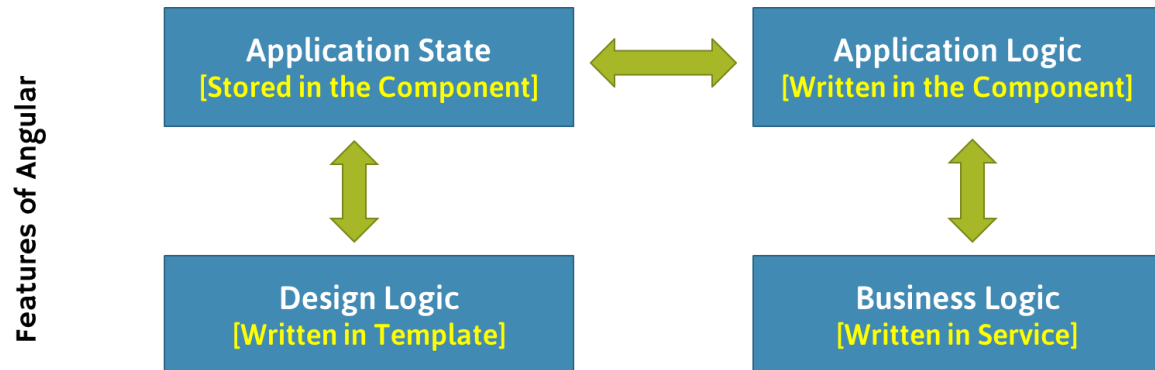


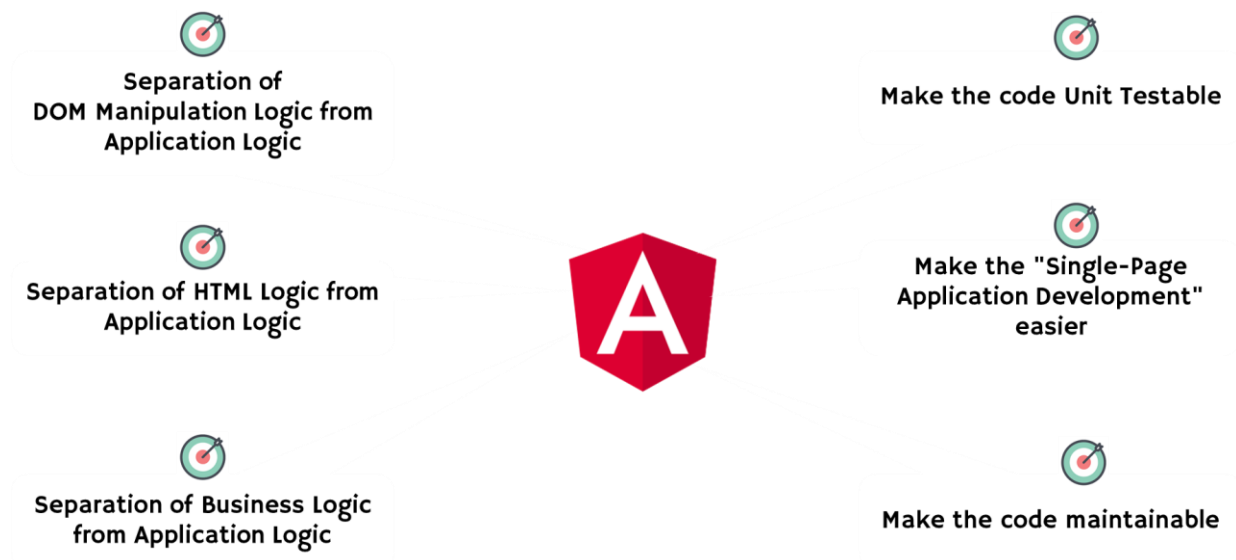
Angular Features Overview

What is Angular?

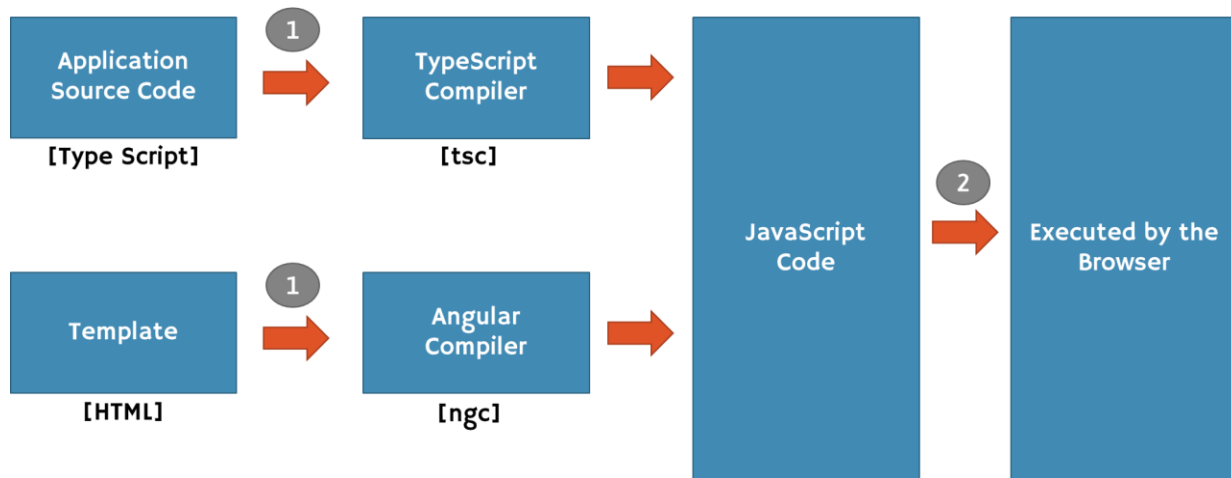
- Most popular frontend framework to create maintainable web applications.
- Completely re-write of AngularJS.
- Developed by Google.
- Angular CLI enables you to create things faster.



Goals and Advantages of Angular



Code Compilation Process



Do's and Don'ts of Angular

Don'ts:

- ✗ Never perform DOM manipulations directly in Angular Components, to make the "application logic" independent of "design logic" and make it unit testable.
- ✗ Never write JavaScript code in Angular Templates.
- ✗ Never write Business logic in Components.
- ✗ Avoid using jQuery to manipulate DOM elements.

Do's:

- ✓ Always use Routing and Modules.
- ✓ Prefer Routing Guards and JWT for Authentication & Security.
- ✓ Always manipulate "application data" by writing the "application logic" in the components.
- ✓ Always place global css styles in "styles.css" file and local css styles in "component.css" file.
- ✓ Always write "REST-API calls (AJAX)" and Business Logic in Services only; and return Observables from Services.
- ✓ Prefer to use Bootstrap [or equivalent].
- ✓ Always use CSS-pre processor, such as SCSS.